Table 1: Significance table.

| | $\text{Events}_{after_alpha}t_{n}jets_{a}nd_{P}FDL_{c}uts$ | $\text{Events}_{after_alpha}t_{n}jets_{a}nd_{D}L_{c}uts$ | $\text{Events}_{after_alpha}t_{n}jets_{r}e_{a}nd_{P}FDL_{c}uts$ | $\text{Events}_{after_alpha}t_{n}jets_{r}e_{a}nd_{D}L_{c}uts$ |
|---|---|---|---|---|
| QCD$_P t$15 | 0 +- 0 | 0 +- 0 | 0 +- 0 | 0 +- 0 |
| QCD$_P t$30 | 0 +- 0 | 0 +- 0 | 0 +- 0 | 0 +- 0 |
| QCD$_P t$80 | 48.54 +- 21.71 | 9.707 +- 9.707 | 38.83 +- 19.41 | 0 +- 0 |
| QCD$_P t$170 | 11.47 +- 1.769 | 3.003 +- 0.9054 | 8.736 +- 1.544 | 0 +- 0 |
| QCD$_P t$300 | 5.285 +- 0.2616 | 0.4793 +- 0.07879 | 3.394 +- 0.2097 | 0.03886 +- 0.02244 |
| QCD$_P t$470 | 0.8822 +- 0.03485 | 0.002753 +- 0.001946 | 0.5863 +- 0.02841 | 0.001376 +- 0.001376 |
| QCD$_P t$800 | 0.03697 +- 0.00112 | 0 +- 0 | 0.025 +- 0.0009209 | 0 +- 0 |
| QCD$_P t$1400 | 0.0002385 +- 8.743e-06 | 0 +- 0 | 0.0001721 +- 7.428e-06 | 0 +- 0 |
| TTbar$_t emp$ | 4.953 +- 0.1379 | 1.601 +- 0.0784 | 2.795 +- 0.1036 | 0.7909 +- 0.0551 |
| WJets$_t emp$ | 3.982 +- 0.5689 | 1.788 +- 0.3812 | 2.6 +- 0.4597 | 1.138 +- 0.3041 |
| ZJets$_t emp$ | 0.3744 +- 0.1675 | 0 +- 0 | 0.2996 +- 0.1498 | 0 +- 0 |
| ww$_p at_1$ | 0.1079 +- 0.02884 | 0.05395 +- 0.02039 | 0.06937 +- 0.02312 | 0.03083 +- 0.01542 |
| wz$_p at_1$ | 0.04815 +- 0.01204 | 0.03912 +- 0.01085 | 0.03912 +- 0.01085 | 0.02107 +- 0.007962 |
| zz$_p at_1$ | 0.01706 +- 0.004138 | 0.01505 +- 0.003887 | 0.01004 +- 0.003173 | 0.008028 +- 0.002838 |
| LM2mh$_t emp$ | 1.001 +- 0.008304 | 0.9456 +- 0.00807 | 0.6344 +- 0.00661 | 0.5841 +- 0.006343 |
| Significancy | 0.1151 | 0.2315 | 0.08374 | 0.4101 |
| QCD Significancy | 0.123 | 0.2603 | 0.08834 | 2.912 |